

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2003/002237**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 B01D 53/74**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B01D 53/\* , F23G 7/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975,

Korean Utility models and applications for Utility models since 1975,

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1145755 A1 (ALSTOM POWER K.K.) 17 OCTOBER 2001 See the whole document	1-8
A	JP 2000334267 A (TRINITY IND. CORP.) 05 DECEMBER 2000 See the whole document	1-8
A	JP 2000274644 A (TRINITY IND. CORP.) 03 OCTOBER 2000 See the whole document	1-8
A	US 5562442 A (EISENMANN CORPORATION) 08 OCTOBER 1996 See the whole document	1-8
A	KR 2001-44153 A (DAE YANG ENVIROMENT CO.,LTD) 05 JUNE 2001 See the whole document	1-8

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

26 JULY 2004 (26.07.2004)

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2003/002237

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1145755 A1	17.10.2001.	WO 200128661 A1 US 6521026 BA JP 2001116476 A2	26.04.2001 18.02.2003. 27.04.2001.
JP 2000334267 A	05.12.2000.	None	
JP 2000274644 A	03.10.2000	None	
US 5562442 A	08.10.1996	EP 719984 A2	03.07.1996.
KR 2001-44153 A	05.06.2001	None	